

FUNDING OPPORTUNITIES SUMMARY AS OF DECEMBER 6, 2005

(Selected for Energy Topic / Organized by Closing Date)

CURRENT OPPORTUNITIES

US DOE - Innovative Energy Systems Challenge

The U.S. Department of Energy (US DOE) is seeking applications for cost-shared research, development, and demonstration of Innovative Energy Systems that can be widely applied throughout the U.S. Chemical Industry.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faoppor.nsf/8df825feb86675de852564650046faea/3e21c5cb3ca26acd852570a00054e1ac?OpenDocument>

Close Date: Dec 7, 2005

NSF - SBIR/STTR Programs Phase I

The National Science Foundation (NSF) requests proposals for Small Business Innovation Research and Small Business Technology Transfer Programs (SBIR/STTR). The SBIR/STTR Programs stimulate technological innovation in the private sector, by strengthening the role of small business concerns in meeting Federal research and development needs, increasing the commercial application of federally supported research results.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/NSF/OIRM/HQ/05-605/Grant.html>

Close Date: Dec 8, 2005

US EPA - Study and Analysis of Strategies for Transportation Sector Technology Innovation

The U.S. Environmental Protection Agency (US EPA) announces the availability of funds and solicits applications from eligible institutions for study and analysis of innovative strategies for encouraging the development and adoption of new vehicle and fuel technologies for control of emissions including consideration of impact on criteria pollutants, toxic emissions and greenhouse gas emissions.

Eligible Applicants: Governments (State & Tribal) / Higher Education (Public & Private) / Nonprofits

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-OAR-DOD-05-19/Grant.html>

Close Date: Dec 14, 2005

US DOE - Advanced Detector Research Program

The U.S. Department of Energy (US DOE) hereby announces its interest in receiving grant applications for support under its Advanced Detector Research Program. Applications should be from investigators who are currently involved in experimental high energy physics, and should be submitted through a U.S. academic institution. The purpose of this program is the development of the new detector technologies needed to perform future high energy physics experiments.

Eligible Applicants: Higher Education (Investigators currently involved with high energy physics)

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG01-05ER05-27/Grant.html>

Close Date: Dec 15, 2005

US DOE - Renewable Hydrogen Production and HCNG Bus Demonstration

In 2004, the U.S. Department of Energy (US DOE) joined the Hydrogen Transportation Partnership Beijing 2008 ("Partnership"). The Partnership was formed to demonstrate hydrogen-based transportation technologies for the 2008 Olympic Games. As part of the U.S. contribution to the Partnership, the US DOE is seeking proposals to install renewable hydrogen production equipment to be part of the overall Park fueling infrastructure and five hydrogen/natural gas (HCNG) engines to be installed in buses that will be used to transport athletes during the games.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faoppor.nsf/8df825feb86675de852564650046faea/d85227e8a4b6f1b3852570a500557143?OpenDocument>

Close Date: Dec 15, 2005

US DOE - Biomass Research and Development Initiative

The U.S. Department of Energy (US DOE) and the U.S. Department of Agriculture (USDA) jointly solicit applications for financial assistance addressing research, development, and demonstration of biomass based products, bioenergy, biofuels

and related processes. Consortia are encouraged to apply in order to bring important capabilities together to best achieve the desired innovation on biomass projects.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faoppor.nsf/8df825feb86675de852564650046faea/c2d6ead8316ffee5852570ad0077a88f?OpenDocument>

Close Date: Dec 20, 2005

US DOT - The Next Generation High-Speed Rail Program

The Next Generation High-Speed Rail Program is a key element in the U.S. Department of Transportation's (US DOT) overall effort to promote high-speed rail passenger transportation in the United States. The program supports the advancement of high-speed rail, particularly on existing infrastructure, by improving, adapting, and demonstration potentially more cost-effective technologies which could have wide application in U.S. corridors.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/DOT/FRA/RAD-10/BAA2005-1/Grant.html>

Close Date: Dec 30, 2005

US DOL - Workforce Innovation in Regional Economic Development - New Posting!

The U.S. Department of Labor (US DOL) requests applications for the Workforce Innovation in Regional Economic Development (WIRED) Initiative. The initiative will provide regions with funding and ongoing technical assistance and support from a cadre of experts to implement a transformational approach to their workforce and economic development systems at the regional level. The ultimate goal of the WIRED Initiative is to expand employment and advancement opportunities for American workers and catalyze the creation of high-skill and high-wage opportunities.

Eligible Applicants: State Governments

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/DOL/OGCM/OGCM/SGA-DFA-PY-05-04/Grant.html>

Close Date: Jan 5, 2006

US EPA - Innovative Approaches to Reducing Air Pollution - New Posting

The U.S. Environmental Protection Agency (US EPA) requests applications for Innovative Approaches to Reducing Air Pollution. The purpose of this award is to facilitate the implementation of new and innovative programs, technologies, and/or strategies, including non-traditional and voluntary measures for achieving additional air pollution emissions reductions.

Eligible Applicants: Governments (State & Tribal) / Higher Education (Public & Private) / Nonprofits

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-OAR-EMAD-05-22/Modification1.html>

Close Date: Jan 6, 2006

US DOE - Chemicals Industry of the Future

The U.S. Department of Energy (US DOE) in cooperation with the Chemical Industry Vision 2020 Technology Partnership, solicits applications for cost-shared research and development (R&D) and demonstration projects that will lead to commercial technology with the potential for substantial reduction in energy consumption by the U.S. Chemical Industry as well as technology that will make better use of energy that is consumed.

Eligible Applicants: Multi-disciplinary Team Arrangement

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faoppor.nsf/8df825feb86675de852564650046faea/3661b640fe9303ff8525707500634aa8?OpenDocument>

Close Date: Jan 11, 2006

USDA - Agriculture Education Challenge Grants Program

The U.S. Department of Agriculture (USDA) requests applications for the Agriculture Education Challenge Grants Program. The purpose of the program is to promote and strengthen teaching programs in agriscience and agribusiness by enhancing curricula, increasing faculty teaching competencies, promoting higher education to prepare students for scientific and professional careers, incorporating agriscience or agribusiness subject matter into other instructional programs, facilitating joint initiatives among other educational institutions and to respond to identified educational needs.

Eligible Applicants: Public Secondary Schools / Junior and Community Colleges (Public & Private)

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-090805-002/Grant.html>

Close Date: Jan 12, 2006

USDA - National Research Initiative

The U.S. Department of Agriculture (USDA) requests applications for the National Research Initiative Competitive Grants Program (NRI). NRI supports research, extension, and education projects that address key problems of national, regional, and multi-state importance in sustaining all components of agriculture. Bioenergy production is 1 of 29 program areas identified.

Eligible Applicants: Governments (State, Local & Tribal) / Higher Education / Nonprofits / For Profits / Individuals

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-101705-001/Grant.html>

Close Date: Jan 12, 2006

US DOE - Solid-State Lighting - New Posting!

The U.S. Department of Energy (US DOE) requests applications for applied research in the Solid-State Lighting (SSL) Product Development Program. DOE seeks to engage industrial organizations to examine certain high priority product development activities that will advance the SSL R&D portfolio. Areas of interest include: LED Materials Issues ? Device Materials; LED Device Issues ? Optical; OLED Efficient Materials Development; and OLED Architectures that Improve Device Robustness, Lifetime, and Efficiency.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faopor.nsf/1be0f2271893ba198525644b006bc0be/dda52472051a5b73852570c10072d506?OpenDocument>

Close Date: Jan 17, 2006

FEMA - Pre Disaster Mitigation Program

The Federal Emergency Management Agency (FEMA) requests applications for implementing cost-effective hazard mitigation activities that complement a comprehensive mitigation program. The Pre Disaster Mitigation Program (PDM) will provide funds for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event. Funding these plans and projects reduces overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations.

Eligible Applicants: Governments (State, Local & Tribal)

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/DHS/DHSWIDE/DHSLOC/PDM001/Grant.html>

Close Date: Jan 17, 2005

US DOE - Industrial Assessment Center Program

The U.S. Department of Energy (US DOE) is soliciting applications for Industrial Assessment Centers (IACs or Centers). Teams of engineering students from the Centers conduct assessments and provide training to help regional manufacturers operate more efficiently and improve competitiveness.

Eligible Applicants: Higher Education (facilities that meet engineering program requirements)

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faopor.nsf/8df825feb86675de852564650046faeae/ef9f07fcc4b6f4d8525703e006d1794?OpenDocument>

Close Date: Jan 24, 2006

NSF - Environmental Cyberinfrastructure - New Posting!

To promote the planning for a Cyberinfrastructure for Environmental Observatories, the National Science Foundation (NSF) requests proposals for the development of practical environmental cyberinfrastructure prototypes along with a demonstration of their capability to answer significant environmental research questions. Proposals should be for projects that pursue an end-to-end approach to an information infrastructure prototype. Proposals should also identify the types of data involved and the ways in which users might wish to use such data. The proposed projects should include the careful exploration of use cases followed by deployment of a prototype that implements these use cases.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/NSF/OIRM/HQ/06-505/Grant.html>

Close Date: Jan 25, 2006

US EPA - Environmentally Benign Manufacturing and Processing

The U.S. Environmental Protection Agency (US EPA), as part of its Greater Research Opportunities (GRO) program, is seeking applications proposing approaches directed at avoiding or minimizing the generation of pollutants at the source. A

new generation of cleaner industrial manufacturing and processing technologies is needed that supports pollution avoidance/prevention (at the source), efficient resource and energy use, and industrial ecology.

Eligible Applicants: Higher Education (Public & Private)

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/EPA/OGD/GAD/EPA-G2006-GRO-C1/Grant.html>

Close Date: Jan 31, 2006

NSF - Innovation and Organizational Change

The National Science Foundation (NSF) requests applications for the Innovation and Organizational Change program. The Innovation and Organizational Change program supports scientific research directed at advancing understanding of how individuals, groups and/or institutional arrangements contribute to functioning, effectiveness and innovation in organizations. Research may involve industrial, educational, service, government, nonprofit, and/or voluntary organizations or inter-organizational arrangements. Program funded research must be relevant to an operational or applied context, grounded in theory and generalizable.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/NSF/OIRM/HQ/05-628/Grant.html>

Close Date: Feb 1, 2006

USDA - Higher Education Challenge Grants Program

The U.S. Department of Agriculture (USDA) requests applications for the Higher Education Challenge Grants Program (HEC) for fiscal year 2006 to stimulate and enable colleges and universities to provide the quality of education necessary to produce graduates capable of strengthening the Nation's food and agricultural scientific and professional workforce.

Eligible Applicants: Higher Education (State & Public)

Posting Frequency: Not Disclosed

Net Location: <http://www.fedgrants.gov/Applicants/USDA/CSREES/OEP/USDA-GRANTS-092605-004/Grant.html>

Close Date: Feb 2, 2006

US DOE - Plant Feedstock Genomics for Bioenergy - New Posting!

The U.S. Department of Energy (US DOE) and the U.S. Department of Agriculture (USDA) announce their interest in receiving applications for genomics-based research that will lead to the improved use of biomass and plant feedstocks for the production of fuels such as ethanol or renewable chemical feedstocks.

Eligible Applicants: Governments (State & Local) / Higher Education / Nonprofits / For Profits / Individuals

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/DOE/PAM/HQ/DE-FG02-06ER06-03/Grant.html>

Close Date: Feb 23, 2006

FEMA - Pre-Disaster Mitigation Program - New Posting!

The U.S. Federal Emergency Management Agency (FEMA) requests applications for the Pre-Disaster Mitigation Program (PDM) for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event.

Eligible Applicants: Governments (State, Local & Tribal)

Posting Frequency: Not Disclosed

Net Location: <http://www.fema.gov/fima/pdm>

Close Date: Mar 3, 2006

US DOT - National Scenic Byways - New Posting!

The U.S. Department of Transportation (US DOT) requests proposals to implement projects on roads designated as National Scenic Byways or All-American Roads, State scenic byways, or Indian tribe scenic byways. Eight eligible project areas identified, including but not limited to: Resource Protection, Corridor Management Plans, and Byway Facilities.

Eligible Applicants: Governments (State, Local & Tribal) / Nonprofits

Posting Frequency: Not Disclosed

Net Location: <http://fedgrants.gov/Applicants/DOT/FHA/HAAM/FHWA-2006-HEP/Modification2.html>

Close Date: Mar 31, 2006

US DOE - Financial Assistance Program

the U.S. Department of Energy (US DOE) hereby announces its continuing interest in receiving renewal and supplemental grant and cooperative agreement applications for support of work in the following program areas: Basic Energy Sciences,

High Energy Physics, Nuclear Physics, Advanced Scientific Computing Research, Fusion Energy Sciences, Biological and Environmental Research, and Planning and Analysis.

Eligible Applicants: Unrestricted

Posting Frequency: Not Disclosed

Net Location: <https://e-center.doe.gov/tips/faopor.nsf/8df825feb86675de852564650046faea/e9a0fe97bcd5b6208525708c00673ffd?OpenDocument>

Close Date: Sep 1, 2006

PRENOTICE ANNOUNCEMENTS

None posted...

ON-GOING OPPORTUNITIES

The Energy Foundation - Climate Program

The Energy Foundation announces their interest in receiving proposals for a new funding area called the Climate Program, which focuses on state and regional climate policy initiatives. The mission of this program is to develop and promote U.S., state and regional policies to reduce global warming pollution in order to build models for and momentum toward federal climate policy.

Net Location: <http://www.ef.org>

Kresge Foundation - Green Building Initiative

The Kresge Foundation is encouraging non-profit leaders to examine their planning and design processes so that they can assess the environmental impact of their facilities. To assist non-profits with upgrading to a green building standard, the foundation is making available grant funds. As defined by the foundation, green buildings are designed, constructed and operated to make a minimal draw on non-renewable resources and gives high priority to respecting the physical environment.

Net Location: www.kresge.org

StEPP Foundation

The Strategic Environmental Protection Pipeline (StEPP) Foundation is dedicated to helping organizations demonstrate the positive benefits of energy efficiency, renewable energy and pollution prevention projects. To accomplish this, the StEPP Foundation evaluates project applications and works to match projects with a variety of funding sources.

Net Location: http://www.steppfoundation.org/about_us/about_us.htm

US DOC - Economic Development

The U.S. Department of Commerce (US DOC) accepts proposals for a number of programs that help states, regions and communities create wealth and minimize poverty by promoting a favorable business environment to attract private capital investment and higher-skill, higher-wage jobs through world-class capacity building, planning, infrastructure, research grants, business assistance, and strategic initiatives.

Net Location: http://www.osec.doc.gov/eda/html/1d_fund_prog.htm

US DOC - FY05 General Federal Funding Opportunity Notice

The U.S. Department of Commerce (US DOC), Economic Development Administration (EDA) fulfills its mission by investing in: public works infrastructure and development facilities; the crafting and implementation of comprehensive economic development strategies; local, national and University Center-based technical assistance and research projects; and revolving loan funds. EDA encourages only those investment proposals that will significantly benefit areas experiencing or threatened with substantial economic distress.

Net Location: <http://www.fedgrants.gov/Applicants/DOC/EDA/HQ/11301-05042004/Grant.html>

US DOE - Continuing Solicitation for the Office of Science

The U.S. Department of Energy (US DOE) is seeking grant applications for support of basic energy science fundamental research in the natural sciences and engineering. Proposed projects would lead to new and improved energy technologies and to understanding and mitigating the environmental impacts of energy technologies.

Net Location: <https://e-center.doe.gov/tips/faopor.nsf/8df825feb86675de852564650046faea/e9a0fe97bcd5b6208525708c00673ffd?OpenDocument>

US DOE - Technology Transfer

The U.S Department of Energy (US DOE) has conducted innovative research resulting in over 850 active patents and almost 500 patent applications. Much of this intellectual property is available for licensing, and US DOE has included descriptions of available technologies on the net for review and consideration. Since new unannounced listings are regularly posted, interested parties are urged to frequently review the net site.

Net Location: http://www.ornl.gov/adm/tted/technology_comm/tech_commer.shtml

IRS - Federal Tax Incentives for the Purchase of Clean-fuel and Electric Vehicles

The U.S. Internal Revenue Service (IRS) allows a federal income tax deduction for the purchase of certain vehicles. Clean-fuel vehicles purchased by the end of 2005 may be eligible for a "clean-fuel" vehicle tax deduction. The purchase of a new electric vehicle may also be eligible for a one-time federal income tax credit through the end of 2006.

Net Location: http://www.fueleconomy.gov/feg/tax_afv.shtml#phaseout_cf

US DOT - Transportation Infrastructure Finance and Innovation Act (TIFIA)

The U.S. Department of Transportation (US DOT) provides credit assistance in the form of secured (direct) loans, lines of credit, and loan guarantees to public and private sponsors of eligible surface transportation projects. Highway, passenger rail, transit, and intermodal projects (including intelligent transportation systems) may receive credit assistance.

Net Location: <http://tifia.fhwa.dot.gov>

TIAP - Energy Policy Act of 2005 - New Posting!

The Tax Incentives Assistance Project (TIAP), sponsored by a coalition of public interest nonprofit groups, government agencies, and other organizations in the energy efficiency field, is designed to give consumers and businesses information they need to make use of the federal income tax incentives for energy efficient products and technologies passed by Congress as part of the Energy Policy Act of 2005.

Net Location: www.energytaxincentives.org/

SOURCES

<http://www.grants.gov> (Federal Grant Postings)

<http://e-center.doe.gov> (IIPS)

<http://www.stacenergy.org>

<http://www.steppfoundation.org/main.htm>

<http://www.sseb.org> (Southern State Energy Board)

Funding Opportunities Newsletter, US DOE Seattle Regional Office (SRO), Nov 28, 2005.

The Funding Opportunities Summary is made available as a public service by the Missouri Energy Center of the Department of Natural Resources, Outreach and Assistance Center. The intent of the list is to provide a quick reference of current funding opportunities. The funding opportunity descriptions may have been altered or abbreviated from the actual wording used by the funding source. Therefore, the Missouri Energy Center claims no financial or legal responsibility for the correctness or thoroughness of the Funding Opportunities Summary. For additional information about the funding opportunities, please review the actual solicitations located at the net locations provided.